





Does this site's EPA ID authorize hazardous waste generation?

- ☐ NO —→ SKIP TO SECTION VII.
- ☒ YES —→ Did this site generate any hazardous waste during 1987?
- ☒ YES —→ READ DETAILED INSTRUCTION ON PAGE 4 OF THE 1987 HAZARDOUS WASTE GENERATION AND MANAGEMENT REPORT INSTRUCTIONS BOOKLET FOR ACUTE AND ACCUMULATION LIMITS. MARK ☒ NEXT TO THE HAZARDOUS WASTE GENERATION QUANTITY CATEGORY THAT APPLIED TO THIS SITE DURING 1987.
- ☒ Category 1: More than 1000 kg (2,200 lb) in one or more months
- ☐ Category 2: More than 100 kg (220 lb) but no more than 1000 kg (2,200 lb) in any single month
- ☐ Category 3: No more than 100 kg (220 lb) in any single month
- ☐ Mark ☒ if this site changed from Category 1 to Category 2 or 3 due to waste minimization activity conducted during 1986 or 1987.
- ☐ NO —→ CONTINUE BELOW, MARK ☒ NEXT TO ALL THAT APPLY.
- ☐ Generated, excluded or delisted wastes
- ☐ Generated hazardous waste prior to 1987 but do not expect to generate in the future - MARK ☒ FOR REASON IN ONE BOX BELOW
- ☐ Waste was from one-time event(s) (e.g. spills, remedial actions, etc.)
- ☐ Waste minimization activity undertaken during 1986 or 1987
- ☐ Out of business
- ☐ Generated hazardous waste prior to 1987 and expect to generate in the future
- ☐ Never generated before but expect to generate in the future
- ☐ Never generated and do not expect to generate in the future - MARK ☒ FOR REASON IN ONE BOX BELOW
- ☐ Protective notifier only
- ☐ Misunderstood the requirements
- ☐ Notified to secure transportation services
- ☐ Other EXPLAIN REASON FOR GENERATOR NOTIFICATION IN COMMENTS

**SEC.**  
**VII**

Does this site have RCRA Interim Status or a RCRA permit to treat, store, or dispose hazardous waste?

- ☐ NO —→ SKIP TO SECTION VIII
- ☒ YES —→ Did the site treat, store, or dispose (T/S/D) hazardous waste in RCRA-regulated units during 1987?
- ☒ YES —→ SKIP TO SECTION VIII
- ☐ NO —→ CONTINUE BELOW, MARK ☒ NEXT TO ALL THAT APPLY
- ☐ T/S/D excluded waste during 1987
- ☐ T/S/D hazardous waste in exempt units during 1987
- ☐ T/S/D hazardous waste prior to 1987 but did not T/S/D waste during 1987. MARK ☒ IN ONE BOX BELOW
- ☐ T/S/D will resume in the future
- ☐ Have notified of planned closure
- ☐ Site is in closure or post closure
- ☐ Never T/S/D hazardous waste prior to 1987 but: MARK ☒ IN ONE BOX BELOW
- ☐ Expect to T/S/D hazardous waste in the future
- ☐ Do not expect to T/S/D hazardous waste in the future - EXPLAIN REASON FOR INTERIM STATUS OR PERMIT IN COMMENTS

SEC.  
VIII.

Do you wish to withdraw this site's generator notification or EPA Part A permit application?

Withdraw generator notification ☐ Yes ☒ No

Withdraw Part A permit application ☐ Yes ☒ No

SEC.  
IX.

Does this site have an area not requiring a RCRA Part A or Part B permit that is used exclusively for the short term accumulation of hazardous waste?

- [illegible]

**Comments:**



BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SIT IAD051001337 L  
EAGLE SIGNAL-DIV OF MARK IV CO.  
ERICKSON, RICHARD PLANT ENGIN  
736 FEDERAL STREET  
EP/ DAVENPORT IA 52803



U.S. ENVIRONMENTAL  
PROTECTION AGENCY

1987 Hazardous Waste Generation  
and Management Report

FORM  
GM

WASTE GENERATION AND  
MANAGEMENT

WHO MUST COMPLETE THIS FORM?

Form GM must be completed by every site that generated hazardous waste on site or shipped hazardous waste off site during 1987.

☐

Mark ☒ if you are not required to complete Form GM.

INSTRUCTIONS:

Please read the detailed instructions beginning on page 12 of the 1987 Hazardous Waste Generation and Management Report Instructions booklet before completing this form.

Make and complete a photocopy of this form for each hazardous waste generated on site or shipped off site during 1987.

Complete Sections I through IV. Throughout this form enter "DK" if the information requested is not known or is not available; enter "NA" if the information requested is not applicable.

Sec.  
I

A. Waste description  
Instruction Page 12

Corrosive waste from Plating operations.

B. EPA hazardous waste code  
Page 12

D 0 0 2 NA NA NA

C. State hazardous waste code  
Page 13

NA NA NA

D. SIC code  
Page 13

3471

E. Source code  
Page 13

10

F. Waste form code  
Page 13

H10

G. Waste minimization results  
Page 13

B

Sec.  
II

A. Organics  
Instruction Page 14

High ☐  
Low ☐  
Test ☐ Note D

B. Water  
Page 15

High ☐  
Low ☐  
Note D

C. Total Solids  
Page 15

High ☐  
Low ☐  
Note D

D. Suspended Solids  
Page 15

High ☐  
Low ☐  
Note D

E. BTU  
Page 16

High ☐  
Low ☐  
UCM ☐ Note D

F. Toxic Metals  
Page 16

Note B

	Metal	High	Low	Test
1.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

G. pH  
Page 18

High ☐  
Low ☐  
Note A

H. Flashpoint  
Page 18

High ☐ °F  
Low ☐ °F  
Note A

I. Cyanides  
Page 19

High ☐  
Low ☐  
Test ☐ Note A

J. Halogens  
Page 20

High ☐  
Low ☐  
Note D

K. Radioactive  
Page 20

Yes ☐  
No ☐  
Note D

Sec.  
III

A. 1986 quantity generated  
Instruction Page 20

220

B. 1987 quantity generated  
Page 20

275

C. UOM  
Page 21

G

D. Density  
Page 21

18 • ☐  
☒ lbs/gal ☐ sg

E. Waste origin  
Page 21

Code A

On-site H1011  
T/S/D/R code

F. On-site T/S/D/R code  
Page 21

1. H1011 2. NA 3. NA 4. NA 5. NA 6. NA 7. NA 8. NA

Sec.  
IV

A. EPA ID No. of facility to which waste was shipped  
Instruction Page 22

MID098011992

B. Number of  
shipments  
Page 22

1

C. Transport  
mode  
Page 23

H

D. Off-site T/S/D/R code  
Page 23

DK NA

E. Total Quantity shipped  
Page 23

275

Comments:

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Please read the detailed instructions beginning on page 12 of the 1987 Hazardous Waste Generation and Management Report Instructions booklet before completing this form.

Make and complete a photocopy of this form for each hazardous waste generated on site or shipped off site during 1987.

Complete Sections I through IV. Throughout this form enter "DK" if the information requested is not known or is not available; enter "NA" if the information requested is not applicable.

Sec. I	A. Waste description Instruction Page 12 Plating pit waste		
B. EPA hazardous waste code Page 12 D007 D008 F006		C. State hazardous waste code Page 13 NA NA NA	
D. SIC code Page 13 3471	E. Source code Page 13 10	F. Waste form code Page 13 H10	G. Waste minimization results Page 13 B

Sec. II	A. Organics Instruction Page 14 High <input type="checkbox"/> Low <input type="checkbox"/> Test <input type="checkbox"/> Note D	B. Water Page 15 High <input type="checkbox"/> Low <input type="checkbox"/> Note D	C. Total Solids Page 15 High <input type="checkbox"/> Low <input type="checkbox"/> Note D	D. Suspended Solids Page 15 High <input type="checkbox"/> Low <input type="checkbox"/> Note D	E. BTU Page 16 High <input type="checkbox"/> Low <input type="checkbox"/> UOM <input type="checkbox"/> Note D	F. Toxic Metals Page 16 Metal High Low Test 1. <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 2. <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 3. <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 4. <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 5. <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 6. <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
G. pH Page 18 High <input type="checkbox"/> Low <input type="checkbox"/> Note A	H. Flashpoint Page 18 High <input type="checkbox"/> °F Low <input type="checkbox"/> °F Note A	I. Cyanides Page 19 High <input type="checkbox"/> Low <input type="checkbox"/> Test <input type="checkbox"/> Note A	J. Halogens Page 20 High <input type="checkbox"/> Low <input type="checkbox"/> Note D	K. Radioactive Page 20 Yes <input type="checkbox"/> No <input type="checkbox"/> Note D		

Sec. III	A. 1986 quantity generated Instruction Page 20 NA	B. 1987 quantity generated Page 20 3101010	C. UOM Page 21 G	D. Density Page 21 18 lb/gal	E. Waste origin Page 21 Code A On-site H1011 T/S/D/R code
F. On-site T/S/D/R code Page 21 1. H01 2. NA 3. NA 4. NA 5. NA 6. NA 7. NA 8. NA					

Sec. IV	A. EPA ID No. of facility to which waste was shipped Instruction Page 22 ILLD1000608471	B. Number of shipments Page 22 1	C. Transport mode Page 23 H	D. Off-site T/S/D/R code Page 23 DK NA	E. Total Quantity shipped Page 23 3000
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Comments:



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ERICKSON, RICHARD PLANT ENGIN  
736 FEDERAL STREET  
EPA DAVENPORT IA 52803



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Make and complete a photocopy of this form for each hazardous waste generated on site or shipped off site during 1987.

Complete Sections I through IV. Throughout this form enter "DK" if the information requested is not known or is not available; enter "NA" if the information requested is not applicable.

Sec. I	A. Waste description Instruction Page 12 Waste chromic acid solution used in Plating.		
B. EPA hazardous waste code Page 12 D 0 0 7 NA NA NA		C. State hazardous waste code Page 13 NA NA NA NA NA NA NA NA	
D. SIC code Page 13 34711	E. Source code Page 13 110	F. Waste form code Page 13 H110	G. Waste minimization results Page 13 B

Sec. II	A. Organics Instruction Page 14 High <input type="checkbox"/> Low <input type="checkbox"/> Test <input type="checkbox"/> Note D	B. Water Page 15 High <input type="checkbox"/> Low <input type="checkbox"/> Note D	C. Total Solids Page 15 High <input type="checkbox"/> Low <input type="checkbox"/> Note D	D. Suspended Solids Page 15 High <input type="checkbox"/> Low <input type="checkbox"/> Note D	E. BTU Page 16 High <input type="checkbox"/> Low <input type="checkbox"/> UOM <input type="checkbox"/> Note D	F. Toxic Metals Page 16 Metal High Low Test 1. TC A <input type="checkbox"/> T 2. PB U <input type="checkbox"/> T 3. BA U <input type="checkbox"/> T 4. CD V <input type="checkbox"/> T 5. AS W <input type="checkbox"/> T 6. AG W <input type="checkbox"/> T
G. pH Page 18 High 3.0 Low <input type="checkbox"/> Note G	H. Flashpoint Page 18 High 200 °F Low <input type="checkbox"/> Note G	I. Cyanides Page 19 High U Low <input type="checkbox"/> Test <input type="checkbox"/> Note T	J. Halogens Page 20 High <input type="checkbox"/> Low <input type="checkbox"/> Note D	K. Radioactive Page 20 Yes <input type="checkbox"/> No <input type="checkbox"/> Note D		

Sec. III	A. 1986 quantity generated Instruction Page 20 220	B. 1987 quantity generated Page 20 1430	C. UOM Page 21 G	D. Density Page 21 8.1 lbs/gal <input checked="" type="checkbox"/> sg	E. Waste origin Page 21 Code A On-site H101 T/S/D/R code
F. On-site T/S/D/R code Page 21 1. H101 2. NA 3. NA 4. NA 5. NA 6. NA 7. NA 8. NA					

Sec. IV	A. EPA ID No. of facility to which waste was shipped Instruction Page 22 ILD000608471	B. Number of shipments Page 22 2	C. Transport mode Page 23 H	D. Off-site T/S/D/R code Page 23 DK NA	E. Total Quantity shipped Page 23 1430
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Comments:



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Complete Sections I through IV. Throughout this form enter "DK" if the information requested is not known or is not available; enter "NA" if the information requested is not applicable.

Sec. I	A. Waste description Instruction Page 12	Flammable spent paint and solvents used in painting and silkscreening.			
B. EPA hazardous waste code Page 12		C. State hazardous waste code Page 13			
D101011 NIA		NIA			
D. SIC code Page 13	E. Source code Page 13	F. Waste form code Page 13	G. Waste minimization results Page 13		
3479	10	H82	B		

Sec. II	A. Organics Instruction Page 14	B. Water Page 15	C. Total Solids Page 15	D. Suspended Solids Page 15	E. BTU Page 16	F. Toxic Metals Page 16
High <input type="checkbox"/> Low <input type="checkbox"/> Test <input type="checkbox"/> Note D	High <input type="checkbox"/> Low <input type="checkbox"/> Note D	High <input type="checkbox"/> Low <input type="checkbox"/> Note D	High <input type="checkbox"/> Low <input type="checkbox"/> Note D	High <input type="checkbox"/> Low <input type="checkbox"/> Note D	High <input type="checkbox"/> Low <input type="checkbox"/> UOM <input type="checkbox"/> Note D	Note B Metal High Low Test 1. <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 2. <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 3. <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 4. <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 5. <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 6. <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
G. pH Page 18	H. Flashpoint Page 18	I. Cyanides Page 19	J. Halogens Page 20	K. Radioactive Page 20		
High <input type="checkbox"/> Low <input type="checkbox"/> Note A	High <input type="checkbox"/> °F Low <input type="checkbox"/> °F Note B	High <input type="checkbox"/> Low <input type="checkbox"/> Test <input type="checkbox"/> Note A	High <input type="checkbox"/> Low <input type="checkbox"/> Note D	Yes <input type="checkbox"/> No <input type="checkbox"/> Note D		

Sec. III	A. 1986 quantity generated Instruction Page 20	B. 1987 quantity generated Page 20	C. UOM Page 21	D. Density Page 21	E. Waste origin Page 21
	990	110	G	17 • <input type="checkbox"/> <input checked="" type="checkbox"/> lbs/gal <input type="checkbox"/> sg	Code A On-site H011 T/S/D/R code
F. On-site T/S/D/R code Page 21					
1. H01 2. NA 3. NA 4. NA 5. NA 6. NA 7. NA 8. NA					

Sec. IV	A. EPA ID No. of facility to which waste was shipped Instruction Page 22	B. Number of shipments Page 22	C. Transport mode Page 23	D. Off-site T/S/D/R code Page 23	E. Total Quantity shipped Page 23
	KYDQ88438817	1	H	M50 NA	110

Comments:



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736 FEDERAL STREET  
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☐

Mark ☒ if you are not required to complete Form GM.

INSTRUCTIONS:

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Make and complete a photocopy of this form for each hazardous waste generated on site or shipped off site during 1987.

Complete Sections I through IV. Throughout this form enter "DK" if the information requested is not known or is not available; enter "NA" if the information requested is not applicable.

Sec. I	A. Waste description Instruction Page 12 Cadmium waste from Plating operations.			
B. EPA hazardous waste code Page 12 D 0 0 6 N A N A N A		C. State hazardous waste code Page 13 N A N A N A		
D. SIC code Page 13 3 4 7 1	E. Source code Page 13 1 0	F. Waste form code Page 13 H 1 0	G. Waste minimization results Page 13 B	

Sec. II	A. Organics Instruction Page 14 High <input type="checkbox"/> Low <input type="checkbox"/> Test <input type="checkbox"/> Note D	B. Water Page 15 High <input type="checkbox"/> Low <input type="checkbox"/> Note D	C. Total Solids Page 15 High <input type="checkbox"/> Low <input type="checkbox"/> Note D	D. Suspended Solids Page 15 High <input type="checkbox"/> Low <input type="checkbox"/> Note D	E. BTU Page 16 High <input type="checkbox"/> Low <input type="checkbox"/> UOM <input type="checkbox"/> Note D	F. Toxic Metals Page 16 Metal High Low Test 1. <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 2. <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 3. <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 4. <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 5. <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 6. <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
G. pH Page 18 High <input type="checkbox"/> Low <input type="checkbox"/> Note A	H. Flashpoint Page 18 High <input type="checkbox"/> °F Low <input type="checkbox"/> °F Note A	I. Cyanides Page 19 High <input type="checkbox"/> Low <input type="checkbox"/> Test <input type="checkbox"/> Note A	J. Halogens Page 20 High <input type="checkbox"/> Low <input type="checkbox"/> Note D	K. Radioactive Page 20 Yes <input type="checkbox"/> No <input type="checkbox"/> Note D		

Sec. III	A. 1986 quantity generated Instruction Page 20 0	B. 1987 quantity generated Page 20 1 1 0	C. UOM Page 21 G	D. Density Page 21 8 <input type="checkbox"/> lbs/gal <input type="checkbox"/> sg	E. Waste origin Page 21 Code A On-site H 1 0 T/S/D/R code
F. On-site T/S/D/R code Page 21 1. H 0 1 2. N A 3. N A 4. N A 5. N A 6. N A 7. N A 8. N A					

Sec. IV	A. EPA ID No. of facility to which waste was shipped Instruction Page 22 M I D 0 9 8 0 1 1 9 9 2	B. Number of shipments Page 22 1	C. Transport mode Page 23 H	D. Off-site T/S/D/R code Page 23 D K N A	E. Total Quantity shipped Page 23 1 1 0
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Comments:



BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL  
OR ENTER:

SITE NAME IADO51001337 L  
EAGLE SIGNAL-DIV OF MARK IV CO.  
ERICKSON, RICHARD PLANT ENGIN  
736 FEDERAL STREET  
EPA ID NO DAVENPORT IA 52803



U.S. ENVIRONMENTAL  
PROTECTION AGENCY

1987 Hazardous Waste Generation  
and Management Report

FORM  
WR

WASTE RECEIVED FROM OFF SITE

WHO MUST COMPLETE THIS FORM?

Form WR must be completed by every site that received hazardous waste from an off-site source during 1987.



Mark ☒ if you are not required to complete Form WR.

INSTRUCTIONS:

Please read the detailed instructions beginning on page 24 of the 1987 Hazardous Waste Generation and Management Report Instructions booklet before completing this form.

Photocopy and complete additional copies of this form if your site received more than two hazardous wastes from off site during 1987.

For each waste, complete boxes A through J. Throughout this form enter "DK" if the information requested is not known or not available; enter "NA" if the information is not applicable.

Waste 1	A. Description of hazardous waste Instruction Page 24		B. EPA hazardous waste code Page 24		C. State hazardous waste code Page 25	
D. Off-site source EPA ID No. Page 25		E. 1987 Quantity received Page 25		F. UOM Page 25	G. Density Page 25	
H. Waste form code Page 25	I. Number of shipments Page 25	J. On-site T/S/D/R code Page 26				
		1 <input type="text"/> <input type="text"/> <input type="text"/> 2 <input type="text"/> <input type="text"/> <input type="text"/> 3 <input type="text"/> <input type="text"/> <input type="text"/> 4 <input type="text"/> <input type="text"/> <input type="text"/>				
		5 <input type="text"/> <input type="text"/> <input type="text"/> 6 <input type="text"/> <input type="text"/> <input type="text"/> 7 <input type="text"/> <input type="text"/> <input type="text"/> 8 <input type="text"/> <input type="text"/> <input type="text"/>				

Waste 2	A. Description of hazardous waste Instruction Page 24		B. EPA hazardous waste code Page 24		C. State hazardous waste code Page 25	
D. Off-site source EPA ID No. Page 25		E. 1987 Quantity received Page 25		F. UOM Page 25	G. Density Page 25	
Same as above <input type="checkbox"/> Mark <input checked="" type="checkbox"/> if same as in Waste 1						
or -> <input type="text"/>						
H. Waste form code Page 25	I. Number of shipments Page 25	J. On-site T/S/D/R code Page 26				
		1 <input type="text"/> <input type="text"/> <input type="text"/> 2 <input type="text"/> <input type="text"/> <input type="text"/> 3 <input type="text"/> <input type="text"/> <input type="text"/> 4 <input type="text"/> <input type="text"/> <input type="text"/>				
		5 <input type="text"/> <input type="text"/> <input type="text"/> 6 <input type="text"/> <input type="text"/> <input type="text"/> 7 <input type="text"/> <input type="text"/> <input type="text"/> 8 <input type="text"/> <input type="text"/> <input type="text"/>				

Comments:



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ERICKSON, RICHARD PLANT ENGIN  
736 FEDERAL STREET  
DAVENPORT IA 52803



U.S ENVIRONMENTAL  
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1987 Hazardous Waste Generation  
and Management Report

OFF-SITE IDENTIFICATION

FORM

OI

WHO MUST COMPLETE THIS FORM?

Form OI must be completed by every site that shipped hazardous waste off site and every site that received hazardous waste from off site during 1987.

Mark ☒ if you are not required to complete Form OI.

INSTRUCTIONS:

Please read the detailed instructions beginning on page 27 of the 1987 Hazardous Waste Generation and Management Report Instructions booklet before completing this form.

Complete A through E for each off-site installation to which you shipped waste or from which you received waste during 1987.

Complete A through D for every transporter you used during the reporting year.

Throughout this form enter "DK" if the information requested is not known or is not available; enter "NA" if the information requested is not applicable. Make and complete additional copies of this form if you need to identify more than four off-site installations or transporters.

<b>Site 1</b>	A. EPA ID No. of off-site installation or transporter instruction page 27 K Y D O 8 8 4 3 8 8 1 7	B. Name of off-site installation or transporter Page 27 LWD INC.
C. Site type code Page 28 F	D. Site relationship code Page 28 D	E. Address of off-site installation Page 28 Street HWY 1523 City CALVERT CITY State K Y Zip Code 4 2 0 2 9 -
<b>Site 2</b>	A. EPA ID No. of off-site installation or transporter instruction page 27 M I D 0 9 8 0 1 1 9 9 2	B. Name of off-site installation or transporter Page 27 CYANOKEM
C. Site type code Page 28 F	D. Site relationship code Page 28 D	E. Address of off-site installation Page 28 Street 12381 SCHAEFER HIGHWAY City DETROIT State M I Zip Code 4 8 2 2 7 -
<b>Site 3</b>	A. EPA ID No. of off-site installation or transporter instruction page 27 I L D 0 0 0 6 0 8 4 7 1	B. Name of off-site installation or transporter Page 27 CHEMCLEAR
C. Site type code Page 28 F	D. Site relationship code Page 28 D	E. Address of off-site installation Page 28 Street 11800 S. STONEY ISLAND AVE City CHICAGO State I L Zip Code 6 0 6 1 7 -
<b>Site 4</b>	A. EPA ID No. of off-site installation or transporter instruction page 27 	B. Name of off-site installation or transporter Page 27 
C. Site type code Page 28 	D. Site relationship code Page 28 	E. Address of off-site installation Page 28 Street City State Zip Code -

Comments:



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SITE NO IAD051001337 L  
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ERICKSON, RICHARD PLANT ENGIN  
736 FEDERAL STREET  
EPA ID DAVENPORT IA 52803



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1987 Hazardous Waste Generation  
and Management Report

FORM  
WM

WASTE MINIMIZATION

PART I

WHO MUST COMPLETE THIS FORM?

Form WM Part I, describing efforts undertaken to implement waste minimization programs, must be completed by all generators required to file an Annual/Biennial Report. This requirement was established in response to statutory provisions included in the Hazardous and Solid Waste Amendments of 1984 (HSWA).

NOTE: Generators shipping hazardous waste off site are required to certify, on Item 16 of the Uniform Hazardous Waste Manifest, that they have a program in place to reduce, to the degree determined economically practicable, the volume and toxicity of hazardous waste generated. A similar certification must also be made by generators who have obtained a RCRA treatment, storage, or disposal permit. Consistent with these certification requirements, generators must report, on Form WM Part I, the efforts undertaken to implement waste minimization programs.

INSTRUCTIONS:

Please read the detailed instructions on page 29 of the 1987 Hazardous Waste Generation and Management Report Instructions booklet before completing this form.

Answer questions 1 through 10. Throughout this form enter "DK" if the information requested is not known or is not available; enter "NA" if the information requested is not applicable.

1. Did this site create or expand a source reduction and recycling program?

	1987		1986		Prior Years	
	Yes	No	Yes	No	Yes	No
Create	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Expand	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

2. Did this site have a written policy or statement that outlined goals, objectives and methods for source reduction and recycling of hazardous waste?

	1987	1986	Prior Years
Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
No	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

3. What was the dollar amount of capital expenditures (plant and equipment) and operating costs devoted to source reduction and recycling of hazardous waste? ENTER ZERO (0) IF NONE.

	1987	1986	Prior Years
Capital expenditures	\$ <u>0</u>	\$ <u>0</u>	\$ <u>0</u>
Operating costs	\$ <u>0</u>	\$ <u>0</u>	\$ <u>0</u>

4. Did this site have an employee training program or provide incentives (bonuses, awards, personal recognition, etc.) to identify and implement source reduction and recycling opportunities and activities?

	1987		1986		Prior Years	
	Yes	No	Yes	No	Yes	No
Training	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Incentives	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>



5. Did this site conduct a source reduction and/or recycling opportunity assessment or audit? Note: an opportunity assessment or audit is a procedure that identifies practices that can be implemented to reduce the generation of hazardous waste or the quantity which must subsequently be treated, stored or disposed.

	1987		1986		Prior Years	
	Yes	No	Yes	No	Yes	No
Site-Wide	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Process-Specific	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

6. Did this site identify or implement new SOURCE REDUCTION opportunities to reduce the volume and/or toxicity of hazardous waste generated at this site?

	1987		1986		Prior Years	
	Yes	No	Yes	No	Yes	No
Identify	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Implement	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

7. What factors have delayed or prevented implementation of SOURCE REDUCTION opportunities. MARK ☒ NEXT TO ALL THAT APPLY.

- ☐ a. Insufficient capital to install new source reduction equipment or implement new source reduction practices.
- ☒ b. Lack of technical information on source reduction techniques, applicable to my specific production processes.
- ☐ c. Source reduction is not economically feasible: cost savings in waste management or production will not recover the capital investment.
- ☐ d. Concern that product quality may decline as a result of source reduction.
- ☐ e. Technical limitations of the production processes.
- ☐ f. Permitting burdens.
- ☐ g. Other (SPECIFY) \_\_\_\_\_

8. Did this site identify or implement new RECYCLING opportunities to reduce the volume and/or toxicity of hazardous waste generated at this site or subsequently treated, stored, or disposed of on site or off site?

	1987		1986		Prior Years	
	Yes	No	Yes	No	Yes	No
Identify	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Implement	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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9. What factors have delayed or prevented implementation of on-site or off-site RECYCLING opportunities. MARK ☒ NEXT TO ALL THAT APPLY.

- ☐ a. Insufficient capital to install new recycling equipment or implement new recycling practices.
- ☐ b. Lack of technical information on recycling techniques applicable to this site's specific production processes.
- ☒ c. Recycling is not economically feasible: cost savings in waste management or production will not recover the capital investment.
- ☐ d. Concern that product quality may decline as a result of recycling.
- ☐ e. Requirements to manifest wastes inhibit shipments off site for recycling.
- ☐ f. Financial liability provisions inhibit shipments off site for recycling.
- ☐ g. Technical limitations of product processes inhibit shipments off site for recycling.
- ☐ h. Technical limitations of production processes inhibit on-site recycling.
- ☐ i. Permitting burdens inhibit recycling.
- ☐ j. Lack of permitted off-site recycling facilities.
- ☐ k. Unable to identify a market for recyclable materials.
- ☐ l. Other (SPECIFY) \_\_\_\_\_

10. Has this site requested or received technical information or financial assistance on source reduction and/or recycling practices from any of the following sources? MARK ☒ NEXT TO ALL THAT APPLY.

	1987		1986		Prior Years	
	Technical	Financial	Technical	Financial	Technical	Financial
a. Local government	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. State government	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Federal government	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Trade associations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Educational institutions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. Suppliers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g. Other parts of your firm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
h. Other firms/consultants	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
i. No request made	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
j. Other (conferences, literature, etc.) _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments:



BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL  
OR ENTER:

SITE IAD051001337 L  
EAGLE SIGNAL-DIV OF MARK IV CO.  
ERICKSON, RICHARD PLANT ENGIN  
736 FEDERAL STREET  
DAVENPORT, IA 52803

EPA



U.S. ENVIRONMENTAL  
PROTECTION AGENCY

1987 Hazardous Waste Generation  
and Management Report

FORM  
WM

WASTE MINIMIZATION

PART II

WHO MUST COMPLETE THIS FORM?

Form WM Part II must be completed only by generators that engaged in an activity during 1987 that resulted in waste minimization.

Waste minimization means:

- (1) reduction in the volume and/or toxicity of hazardous waste generated as a result of source reduction; and/or,  
(2) reduction in the volume and/or toxicity of hazardous waste subsequently treated, stored, or disposed as a result of on-site or off-site recycling.



Mark ☒ and do not complete this form if no waste minimization results were achieved during 1987.

INSTRUCTIONS:

Please read the detailed instructions beginning on page 30 of the 1987 Hazardous Waste Generation and Management Report Instructions booklet before completing this form.

Make and complete a photocopy of this form for each hazardous waste minimized in 1987.

Complete Sections I through IV. Throughout this form enter "DK" if the information requested is not known or is not available; enter "NA" if the information requested is not applicable.

Sec. I	A. EPA hazardous waste code Instruction Page 31	B. State hazardous waste code Page 31	C. Product or service description Page 31	D. Product or service SIC code Page 31
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E. Waste form code Page 31	F. UOM Page 32	G. Density Page 32	H. Source description: Page 32	I. Source code Page 32
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Sec. II	A. 1986 quantity generated Instruction Page 33	B. 1987 quantity generated Page 33	C. Production ratio Page 33	D. Toxicity change code Page 35
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E. Waste minimization: recycling Page 35		F. Waste minimization: source reduction Page 36		
Code 1. <div><div></div></div> 2. <div><div></div></div> Quantity recycled <div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>		Code 1. <div><div></div></div> 2. <div><div></div></div> 3. <div><div></div></div> Quantity prevented <div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>		

Sec. III	A. Narrative description of waste minimization project or activity and results achieved Instruction Page 43
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Sec.  
IV.

**Instructions:** Answer questions 1 through 4. Mark ☒ next to the effects produced by the source reduction and/or recycling activity reported on this form in Sections I through III.

1. What effect did this site's source reduction and/or recycling activity have on the **quantity of water effluent** produced by hazardous waste generation processes during 1987?
- ☐ a. Increase in the quantity of water effluent
- ☐ b. Decrease in the quantity of water effluent
- ☐ c. No effect on the quantity of water effluent
- ☐ d. Don't know
2. What effect did this site's source reduction and/or recycling activity have on the **toxicity of water effluent** produced by hazardous waste generation processes during 1987?
- ☐ a. Increase in the concentration of hazardous constituents
- ☐ b. Decrease in the concentration of hazardous constituents
- ☐ c. No effect on the concentration of hazardous constituents
- ☐ d. Don't know
3. What effect did this site's source reduction and/or recycling activity have on the **quantity of air emissions** produced by hazardous waste generation processes during 1987?
- ☐ a. Increase in the quantity of air emissions
- ☐ b. Decrease in the quantity of air emissions
- ☐ c. No effect on the quantity of air emissions
- ☐ d. Don't know
4. What effect did this site's source reduction and/or recycling activity have on the **toxicity of the air emissions** produced by hazardous waste generation processes during 1987?
- ☐ a. Increase in the concentration of hazardous constituents
- ☐ b. Decrease in the concentration of hazardous constituents
- ☐ c. No effect on the concentration of hazardous constituents
- ☐ d. Don't know

Comments: